

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S2	47	((dual OR two OR pair) NEAR2 shaft) AND vacuum AND pump AND (synchronous ADJ motor)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/09 14:57
S3	46	(permanent ADJ magnet) AND (synchronous ADJ motor) AND (vacuum ADJ pump)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/09 15:14
S4	236	(synchronous ADJ motor) AND (vacuum ADJ pump)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/09 15:14
S5	190	S4 NOT S3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/09 15:33
S6	574	roots ADJ pump	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/09 15:33
S7	61	S6 AND ((synchronous ADJ motor) OR ((two OR dual) NEAR5 shaft))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/09 15:34
S11	764	318/721,723.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/13 10:38

## EAST Search History

S14	1369	417/247,410.1,410.4.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/09 16:17
S16	13	S14 AND (roots ADJ pump)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/09 16:19
S18	39	(BAHNEN AND RUDOLF).IN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/13 10:08
S21	764	318/721,723.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/13 15:12
S28	9	S21 AND (power ADJ limit\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/13 15:56
S31	764	318/721,723.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/14 08:29
S32	36	S31 AND (phase ADJ angle) AND rotor AND stator AND (magnetic ADJ field)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/15 14:09
S33	8	((("2700127") or ("2783426") or ("2791734") or ("3020463")).PN.	USPAT; USOCR	OR	OFF	2007/08/14 08:55

## EAST Search History

S34	2	("3234445").URPN.	USPAT	OR	ON	2007/08/14 09:36
S35	153	S31 AND (power NEAR2 control\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/14 09:37
S38	49	(synchronous ADJ motor) SAME ((vacuum ADJ pump) OR (roots ADJ pump))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/14 11:01
S39	119	(synchronous ADJ motor) AND (adjust\$4 NEAR5 (phase ADJ angle))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/14 11:07
S44	216	(stator SAME (non ADJ magnetic) SAME seal) AND motor	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/14 15:43
S45	93	S44 AND (synchronous OR brushless OR gas)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/14 15:59
S46	1920	motor AND (permanent ADJ magnet) AND rotor AND (rare ADJ earth)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/14 16:00
S47	838	motor AND ((permanent ADJ magnet) SAME rotor SAME (rare ADJ earth))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/14 16:00

## EAST Search History

S52	260	417/410.4.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/16 08:56
S55	27	310/154.12.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/15 09:54
S69	37	(US-20060222527-\$ or US-20050232791-\$).did. or (US-6964559-\$ or US-4051419-\$ or US-5846062-\$ or US-2640428-\$ or US-4734633-\$ or US-5641276-\$ or US-2937807-\$ or US-5779453-\$ or US-5793178-\$ or US-5816782-\$ or US-5118251-\$ or US-4822251-\$ or US-4940398-\$ or US-5378128-\$ or US-4565956-\$ or US-5608300-\$ or US-3584276-\$ or US-6577035-\$ or US-5952810-\$ or US-3956650-\$ or US-6825637-\$ or US-4312628-\$ or US-5698914-\$ or US-3911339-\$ or US-3612970-\$ or US-6461113-\$).did. or (US-7128543-\$).did. or (US-2640428-\$ or US-2937807-\$ or US-3234445-\$ or US-3448363-\$).did. or (WO-3100258-\$ or DE-3818532-\$).did. or (JP-2005245155-\$).did. or (EP-811766-\$).did.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/08/16 08:54
S71	252	(vacuum ADJ pump) AND (permanent ADJ magnet) AND (rare ADJ earth)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/16 09:31
S73	7	S69 AND ((non ADJ magnet\$4) OR nonmagnet\$4)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/16 10:08
S78	677	(power ADJ control) AND (synchronous ADJ motor)	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/16 11:07

## EAST Search History

S79	710	(power ADJ control) AND (synchronous ADJ motor)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/16 11:08
S80	37	S79 AND (phase angle) AND (magnetic field)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/08/16 11:09
S89	525	control\$4 NEAR4 motor NEAR4 (vacuum ADJ pump)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/16 16:04
S90	14	S89 AND (synchronous ADJ motor)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/16 16:04
S93	559	318/721,722.ccls.	USPAT	OR	ON	2007/08/16 17:52
S96	334	318/808.ccls.	USPAT	OR	ON	2007/08/16 18:22
S97	34	S96 AND (phase ADJ angle) AND (motor ADJ speed)	USPAT	OR	ON	2007/08/16 18:22